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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. V. No. 1 McKEE PRINT. January, 1957

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1957, averaged 68,414 barrels daily, a decrease of 184 barrels from the average December production of 68,598.

The ten refineries in the State processed 65,773 barrels of crude oil daily for the month of January, 1957, an increase of 3,286 barrels daily from the 62,487 barrels processed daily during the month of December, 1956.

During January 20 wells were completed, 13 oil, 0 gas wells and 7 dry holes.

During January, 1957, the Commission issued 20 permits to drill new wells, a decrease of 3 from the 23 permits issued during December, 1956.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JANUARY, 1957

IN STORAGE JANUARY 1st:	
By Producers	324,681
By Transporters	618,681
By Refiners	768,496
TOTAL STORAGE	1,711,858
Produced in Montana During Month	2,120,851
Imported During Month	1,165,436
TOTALS	4,998,145
DISPOSITION:	
Refined in Montana	2,038,963
Exported	1,318,285
Used for Fuel or Lost	19,978
TOTALS	3,377,226
IN STORAGE JANUARY 31st:	
By Producers	325,782
By Transporters	620,236
By Refiners	674,901
TOTAL STORAGE	1,620,919

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1957

Field	M Cu. Ft.
Bears Den	0
Big Coulee	26,626
Bowdoin	429,876
Bowes	107,681
Box Elder	0
Cedar Creek	743,621
Cut Bank (Including Reagan)	1,974,934
Devon	0
Dry Creek	303,777
Elk Basin	39,894
Flat Coulee	63,179
Golden Dome	6,568
Hardin	3,730
Keith Block	346,168
Kevin-Sunburst	179,859
Plevna	18,093
Utopia	142,133
Whitlash	172,873
Miscellaneous	17,968
TOTAL	4,576,980

Total Withdrawals for January, 1956, were 3,768,202 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF JANUARY, 1957

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	736	3,132	.....	3,177	.....	691
1	Bannatyne	1	.....	151	.....	151	.....	.....
8	Big Wall	23	4,516	20,609	.....	20,447	.....	4,678
4	Border	8	.....	719	.....	719	.....	.....
11	Bowes	75	3,927	25,365	24,505	.....	.....	4,787
....	Brady-Midway	.....	.....	.....	.....	.....	.....	.....
3	Bredette	3	3,799	4,667	5,785	.....	.....	2,681
4	North Bredette	4	7,226	12,668	16,517	.....	.....	3,377
2	Brorson	3	1,369	2,724	1,655	.....	.....	2,438
....	Bynum	.....	119	.....	.....	.....	.....	119
2	Cabin Creek	35	9,202	181,837	175,515	.....	5,378	10,146
28	Cat Creek	88	4,639	13,654	14,119	.....	.....	4,174
1	Clark's Fork	1	347	632	.....	556	.....	423
2	Clark's Fork, North	2	2,718	8,780	.....	10,692	.....	806
2	Cupton	2	1,202	1,451	913	.....	.....	1,740
332	Cut Bank	1,114	115,182	210,390	204,063	.....	31	121,478
3	Deer Creek	6	1,748	7,319	7,740	.....	.....	1,327
1	Delphia	1	.....	949	.....	.....	.....	949
....	Devil's Basin	.....	484	.....	.....	.....	.....	484
6	Dry Creek	6	1,261	10,499	10,066	.....	.....	1,694
20	Elk Basin	58	11,658	265,320	266,641	.....	.....	10,337
3	Fertile Prairie	3	1,254	2,395	.....	2,165	.....	1,484
2	Frannie	2	481	822	892	.....	.....	411
1	Gage	1	569	106	.....	.....	.....	675
2	Gas City	11	6,319	33,168	34,440	.....	.....	5,047
6	Glendive	12	3,310	37,037	36,083	.....	.....	4,264
....	Golden Dome	.....	378	.....	.....	.....	.....	378
4	Ivanhoe	10	3,789	42,432	.....	41,787	.....	4,434
190	Kevin-Sunburst	1,356	14,325	70,378	68,966	.....	.....	15,737
1	Lake Basin	1	197	87	.....	.....	.....	284
1	Little Beaver	6	1,743	22,791	22,596	.....	.....	1,938
1	East Little Beaver	1	1,091	1,272	939	.....	.....	1,424
2	Melstone	4	2,695	5,040	.....	6,011	1	1,723
3	Mosser	8	2,073	1,185	.....	3,258	.....	.....
1	Outlook Area	1	2,576	5,471	.....	5,501	.....	2,546
8	Pennel	16	6,195	48,502	46,160	.....	2,943	5,594
4	Pine	96	17,406	385,926	377,485	.....	7,024	18,823
69	Pondera	322	9,089	50,346	50,048	.....	.....	9,387
87	East Poplar	91	28,100	409,453	376,690	32,559	229	28,075
4	Northwest Poplar	5	1,788	2,259	.....	2,606	.....	1,441
4	Ragged Point	7	1,258	5,123	.....	4,640	128	1,613
....	Rattlesnake Butte	.....	399	.....	.....	.....	.....	399
4	Reagan	43	2,826	18,162	18,437	.....	.....	2,551
1	Repeat	1	622	2,715	2,738	.....	.....	599
4	Richey	8	3,541	10,275	9,239	.....	.....	4,577
....	Rudyard	.....	35	.....	.....	.....	.....	35
2	Snyder	4	663	3,217	.....	1,471	16	2,393
5	Soap Creek	19	6,497	16,066	.....	17,342	.....	5,221
1	Southwest Richey	3	822	5,472	5,315	.....	.....	979
18	Sumatra	57	18,452	107,355	105,657	7,850	.....	12,300
3	Sweetgrass Hills	3	750	429	.....	349	.....	830
....	Utopia	.....	2	.....	.....	.....	.....	2
10	Whitlash	25	6,753	10,576	7,840	703	.....	8,786
....	Wibaux	.....	202	.....	.....	.....	.....	202
8	Wolf Springs	19	7,615	49,150	37,711	10,548	.....	8,506
1	Woodrow	1	465	2,493	2,593	.....	.....	365
1	Yellowstone	1	268	282	.....	120	.....	430
882		3,571	324,681	2,120,851	1,931,348	172,652	15,750	325,782

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1956	21,759,561	59,615	21,585,574	59,139
January, 1957	2,120,851	68,414	2,104,000	67,871

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1956	324,681	618,681	768,496	1,711,858
January 31, 1957	325,782	620,236	674,901	1,620,919

*Includes Wyoming Oil.

TRANSPORTER'S REPORT
MONTH OF JANUARY, 1957

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks	.....	.....	3,177	.....	.....	.....	3,177	.....	.....
BANNATYNE—Trucks	.....	.....	151	.....	.....	151	.....	.....	.....
BIG WALL—Trucks	.....	.....	20,447	.....	.....	14,639	5,808	.....	.....
BORDER—Trucks	.....	.....	719	.....	.....	719	.....	.....	.....
BOWES—									
Trigood Oil Company	3,103	5,149	.....	.....	.....	.....	4,289	.....	3,963
The Texas Company	.....	19,357	.....	.....	.....	19,357	.....	.....	.....
	3,103	24,506	.....	.....	.....	19,357	4,289	.....	3,963
BRORSON—Sun Oil Company	.....	1,655	.....	.....	.....	.....	1,655	.....	.....
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company	312,835	614,784	.....	519,395	(24)	.....	1,163,062	.....	283,976
Shell Pipeline Corp	3,433	70,608	.....	.....	544	.....	.....	67,133‡	6,364
	316,268	685,392	.....	519,395	520	.....	1,163,062	67,133	290,340
CAT CREEK—									
Continental Pipeline Co.	4,912	9,843	.....	.....	18	9,007	.....	.....	5,730
Wm. Hanlon	.....	4,276	.....	.....	.....	4,276	.....	.....	.....
	4,912	14,119	.....	.....	18	13,283	.....	.....	5,730
CLARK'S FORK—Trucks	.....	.....	11,248	.....	.....	10,928	320	.....	.....
CUT BANK—									
Big West Oil Company	.....	5,166	.....	19,611	.....	24,777	.....	.....	.....
Darling Gathering System, Inc.	3,625	14,353	.....	.....	(18)	15,287	.....	.....	2,709
Phillips Petroleum Company	18,140	37,090	.....	3,397	1,008	22,326	.....	19,320	15,973
The Texas Pipeline Company	99,652	47,913	.....	41,814	775	84,314	.....	25,186	79,104
Toronto Pipeline Company	17,877	57,948	.....	.....	(43)	.....	.....	54,612	21,256
Union Oil Company	74,744	45,551	.....	34,296	738	25,146	.....	.....	128,707
	214,038	208,021	.....	99,118	2,460	171,850	.....	99,118	247,749
DRY CREEK—Ohio Oil Company	8,076	10,386	.....	.....	76	10,885	.....	.....	7,501
ELK BASIN—Ohio Oil Company	.....	266,641	.....	.....	.....	192,568	74,073	.....	.....
FERTILE PRAIRIE—Trucks	.....	.....	2,165	.....	.....	.....	2,165	.....	.....
FRANNIE—Ohio Oil Company	.....	892	.....	.....	.....	.....	892	.....	.....
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company	11,380	46,407	.....	.....	258	.....	.....	52,880‡	4,649
IVANHOE—Trucks	.....	.....	41,787	.....	.....	34,119	7,668	.....	.....
KEVIN-SUNBURST									
Big West Oil Company	2,093	33,310	.....	.....	.....	33,215	.....	.....	2,188
Homestake Oil & Gas Company	562	2,743	.....	.....	.....	2,779	.....	.....	526
The Texas Pipeline Company	7,946	33,738	.....	1,218	991	34,001	.....	.....	7,910
Anna Aronow	185	1,165	.....	.....	.....	.....	.....	1,218	132
	10,786	70,956	.....	1,218	991	69,995	.....	1,218	10,756
MELSTONE—Trucks	.....	.....	6,011	.....	.....	6,011	.....	.....	.....
MOSSER—Trucks	.....	.....	3,258	.....	.....	.....	3,258	.....	.....
OUTLOOK AREA	.....	.....	5,501	.....	.....	.....	5,501	.....	.....
PONDERA—									
Phillips Petroleum Company	9,508	50,199	.....	.....	1,944	49,908	.....	.....	7,855
POPLAR and BREDETTE—									
East Poplar Gathering System	16,106	398,992	.....	.....	(2,288)	.....	.....	399,382‡	18,004
Trucks	.....	.....	35,165	.....	.....	.....	35,165	.....	.....
	16,106	398,992	35,165	.....	(2,288)	.....	35,165	399,382	18,004
RAGGED POINT—Trucks	.....	.....	4,640	.....	.....	4,640	.....	.....	.....
REAGAN—Union Oil Company	.....	18,437	.....	.....	.....	18,437	.....	.....	.....
SNYDER—Trucks	.....	.....	1,471	.....	.....	.....	1,471	.....	.....
SOAP CREEK—Trucks	.....	.....	17,342	.....	.....	15,411	1,931	.....	.....
SUMATRA—									
Powder River Pipeline, Inc.	17,834	105,657	.....	.....	528	104,616	.....	.....	18,347
Trucks	.....	.....	7,850	.....	.....	.....	7,850	.....	.....
	17,834	105,657	7,850	.....	528	104,616	7,850	.....	18,347
SWEETGRASS HILLS—Trucks	.....	.....	349	.....	.....	349	.....	.....	.....
WHITLASH—									
Homestake Oil & Gas Company	.....	172	.....	7,732	202	5,048	.....	.....	2,654
Western Natural Gas Company	212	7,668	.....	.....	(229)	.....	.....	7,732	377
Trucks	.....	.....	703	.....	.....	703	.....	.....	.....
	212	7,840	703	7,732	(27)	5,751	.....	7,732	3,031
WOLF SPRINGS—									
Powder River Pipe Line Co.	6,458	37,711	.....	.....	189	41,669	.....	.....	2,311
Trucks	.....	.....	10,548	.....	.....	10,548	.....	.....	.....
	6,458	37,711	10,548	.....	189	52,217	.....	.....	2,311
YELLOWSTONE—Trucks	.....	.....	120	.....	.....	120	.....	.....	.....
TOTALS	618,681	1,947,811	172,652	627,463	4,669	795,954	1,318,285	627,463	620,236

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.
‡Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JANUARY, 1957

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Big Wall	.....	.....	.....	.....	12,529	.....	.....	.....	.....	.....	12,529
Border	.....	.....	.....	.....	.....	.....	.....	320	.....	.....	320
Bowes	.....	.....	.....	16,956	.....	.....	.....	.....	.....	.....	16,956
Cat Creek	.....	.....	9,159	.....	.....	4,185	.....	.....	.....	.....	13,344
Clark's Fork	.....	.....	.....	.....	8,667	.....	.....	.....	.....	.....	8,667
Cut Bank	24,777	.....	.....	.....	.....	.....	22,314	78,521	.....	20,728	146,340
Dry Creek	.....	.....	.....	.....	12,653	.....	.....	.....	.....	.....	12,653
Elk Basin	.....	132,473	60,095	.....	.....	.....	.....	.....	.....	.....	192,568
Ivanhoe	.....	.....	.....	.....	10,928	.....	.....	.....	.....	20,477	31,405
Kevin-Sunburst	44,016	.....	.....	.....	.....	.....	.....	38,103	.....	.....	82,119
Melstone	.....	.....	.....	.....	.....	4,562	.....	.....	.....	.....	4,562
Pondera	.....	.....	.....	.....	.....	.....	49,340	.....	.....	.....	49,340
Ragged Point	.....	.....	.....	.....	4,123	939	.....	.....	.....	.....	5,062
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,437	18,437
Richey	.....	.....	.....	.....	.....	.....	.....	6,400	.....	.....	6,400
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	7,231	.....	7,231
Sumatra	.....	.....	.....	.....	90,915	.....	.....	.....	.....	.....	90,915
Sweetgrass Hills	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	350
Whitlash	.....	.....	.....	.....	.....	.....	.....	10,369	.....	693	11,062
Wolf Springs	.....	33,557	.....	.....	.....	.....	9,290	.....	.....	.....	42,847
Yellowstone	.....	.....	.....	.....	124	.....	.....	.....	.....	.....	124
Total Montana Oil	69,143	166,030	69,254	16,956	139,939	9,686	80,944	133,713	7,231	60,335	753,231
Canadian Oil Imported	.....	.....	.....	3,814	.....	.....	485	.....	.....	2,834	7,133
Wyoming Oil Imported	.....	630,443	265,374	.....	380,188	2,594	.....	.....	.....	.....	1,278,599
TOTAL Montana, Canadian and Wyoming Oil	69,143	796,473	334,628	20,770	520,127	12,280	81,429	133,713	7,231	63,169	2,038,963

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year 1956	24,735	239	37,486	62,460
January, 1956	26,997	165	41,561	68,723
January, 1957	24,298	230	41,245	65,773

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.60%	.39%	60.01%
39.28%	.24%	60.48%
36.94%	.35%	62.71%